Amendments to the Claims

Rewrite the claims as follows:

1.   (Currently amended) <u>A M</u>~~m~~anagement system for managing distributed resources ~~(11-16;61-66)~~ comprising<u>:</u>

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a workflow engine <u>for executing</u>~~(8;88) that can execute~~ management workflows in order to actively control the distributed resources ~~(11-16;61-66)~~<u>;</u>

wherein ~~characterized in that~~ autonomic <u>c</u>~~C~~orrelation <u>s</u>~~S~~ervices ~~(74-76)~~ are introduced that manage different functional parts of the managed system in cooperation with the workflow engine ~~(88)~~, <u>wherein</u>~~whereby~~ each <u>c</u>~~C~~orrelation <u>s</u>~~S~~ervice ~~(74-76)~~ employs a <u>c</u>~~C~~orrelation <u>e</u>~~E~~ngine ~~(174,175)~~ and a set of rules ~~(184,185,186)~~ that describe how underlying resources ~~(61-66)~~ shall be managed, <u>and wherein</u>~~whereby~~ a controller ~~(44)~~ communicates with the <u>c</u>~~C~~orrelation <u>s</u>~~S~~ervices ~~(74-76)~~.

2.   (Currently amended) <u>The M</u>~~m~~anagement system according to claim 1, <u>wherein</u> ~~characterized in that~~ the <u>c</u>~~C~~orrelation <u>s</u>~~S~~ervices ~~(74-76)~~ directly ~~(92)~~ communicate with resources ~~(61-66)~~.

3.   (Currently amended) <u>The M</u>~~m~~anagement system according to claim 1, ~~characterized in that~~ <u>wherein</u> rules for filtering low-level events issued by resources ~~(61-66)~~ are deployed into an <u>e</u>~~E~~vent <u>s</u>~~S~~ervice <u>a</u>~~A~~pplication ~~(50)~~ that is used to filter high-level events out of low-level events.

4.   (Currently amended) <u>The M</u>~~m~~anagement system according to claim 3,

~~characterized in that~~ wherein the controller ~~(44)~~ communicates with the ~~E~~event ~~S~~service ~~A~~application ~~(50)~~.

5.   (Currently amended) The ~~M~~management system according to claim 1, ~~characterized in that~~ wherein the ~~C~~correlation ~~S~~services ~~(74-76)~~ are modeled as ~~S~~stateful ~~W~~web ~~S~~services.

6.   (Currently amended) A ~~M~~method for managing distributed resources, comprising the steps of:
~~characterized in that~~

a)   a user defining~~defines~~ a ~~C~~correlation ~~M~~model comprising the definitions of several ~~C~~correlation ~~S~~services for different functional parts of the managed system; and

b)   the controller instantiates ~~C~~correlation ~~S~~services ~~(74-76)~~ as running ~~S~~stateful ~~W~~web ~~S~~services in accordance with the definitions of the ~~C~~correlation ~~M~~model.

7.   (Currently amended) The ~~M~~method according to claim 6, further comprising the step of:

~~characterized in that~~ storing handles to all of the resources managed by a ~~C~~correlation ~~S~~service ~~(74-76), are stored~~ within that ~~C~~correlation ~~S~~service.

8.   (Currently amended) The ~~M~~method according to claim 6, further comprising the steps of:

~~characterized in that~~ defining high-level events to which a specific ~~C~~correlation ~~S~~service ~~(74-76)~~ shall react; and

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~~on are defined, and in that the~~ a respective ~~C~~correlation ~~S~~service ~~(74-76)~~ creating~~creates~~ subscriptions with an ~~e~~Event ~~S~~service ~~(50)~~ in order to be notified when said~~such~~ events are detected.

9.   (Currently amended) The ~~M~~method according to claim 6, further comprising the step of:

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~~characterized in~~ ~~that~~ the higher-level ~~c~~Correlation ~~S~~services using ~~use W~~web ~~S~~service introspection for seeing~~to see,~~ which events are issued by another ~~C~~correlation ~~S~~service ~~(75,76)~~.

10.   (Currently amended) The ~~M~~method according to claim 6, further comprising the step of:

~~characterized in~~ ~~that~~ the ~~C~~correlation ~~S~~services ~~(74-76)~~ triggering an~~trigger the~~ execution of workflows in order to actively manage their resources ~~(61-66)~~.

11.   (Currently amended) A ~~C~~computer program product comprising a computer useable medium embodying program instructions executable by a computer, said program instructions comprising method steps to implement the method of claim 6~~stored in the internal memory of a digital computer, containing parts of software code to execute the method in accordance with claims 6 to 10~~.